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FIG. 1

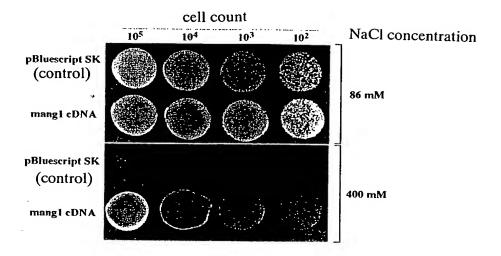


FIG. 2

cell count

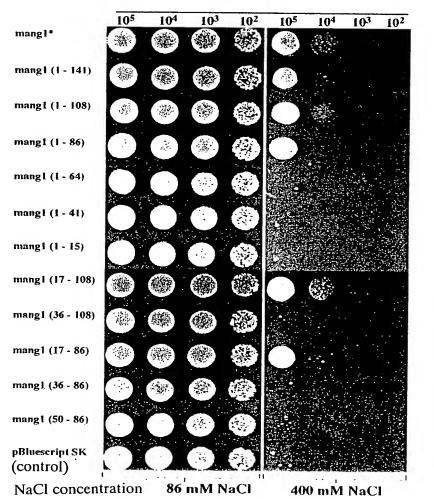


FIG. 3

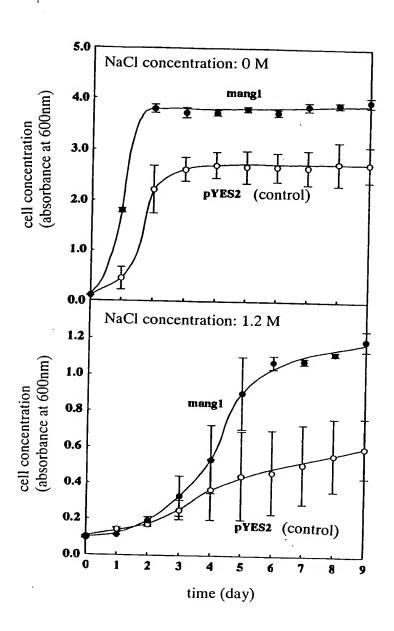


FIG. 4

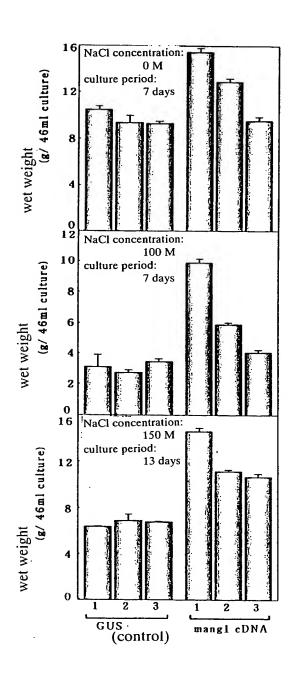
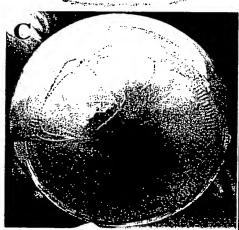


FIG. 5

A B







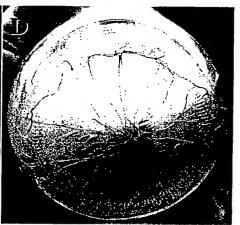
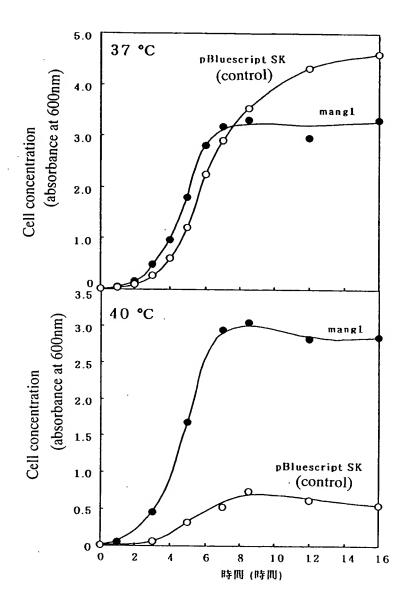


FIG. 6



?

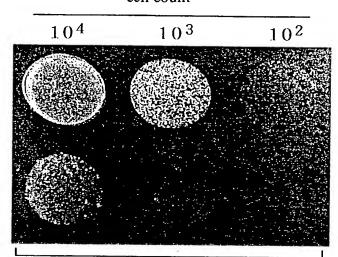
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FIG. 7

cell count

mang1

pBluescript SK (control)



concentration of sorbitol:

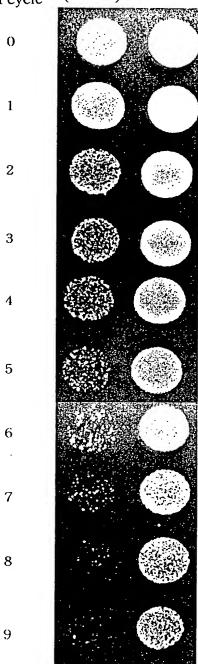
 $800 \ mM$

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Attorney Docket No.: 31671-176817
Inventory Akiyo YAMADA et al.
Title: ENVIRONMENTAL STRESS
TOLERANT GENE
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FIG. 8

freezing/melting pBluescript SK mang1 numbers of cycle (control)



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FIG. 9

comparison of the sequence of bases

manarin	core	1	ATGAAGGTGGTCGGCCCTGCAAGATCAAAGAGTGCTACTGTACCCACCC	66
C-52		1	AIGAAGGTGGTCGGCCCTGCAAGATCAAAGAGTGCTACTGTACCCACCC	60
C-80		1	ATGAAGGTGGTCGGCCCTGCAAGATCAAAGAGTGCTACTGTACCCACCC	66
			The state of the s	01
mangrin o	core	61	CCTTTCAAGTTCACAAACCCGTCGTTACTCACTCGATCGCTAAGCTTTTCATCAAAAGGT	4.77
C-52		61	CCTTTCAAGTTCACAAACCCGTCGTTACTCACTCGATCGCTAAGCTTTTCATCAAAAGGT	120
C-80		61	CCTTTCAAGTTCGCAAACCCGTCGTTACTCACTCGCTCGC	129
		•-	- TO THE CONTROL OF THE CACHEGO TO THE CALL CACAGET	126
mangrin d	core	121	TCAAGCTITGACAGCTTCTCTGTACCCAAAAGATCTTTTTCTTGCAGAAGCCAAGCCACT	
C-52		121	TCAAGCTTTGACAGCTTCTCTGTACCCAAAAGATCTTTTTCTTGCAGAAGCCAAGCCACG	189
C-80		121	TCAAGCTTTGACAGCTTCTCTGTACCCAAAAGATCTTTTTCTTGCAGAAGCCAAGCCACT	186
			TENAGETTE GENERAL CHITTEL GENERAL CENTRE CANAGE CANGE CACT	186
mangrin d	core	181	CCATCTGATGATGCCTCAAGACCCACCAAAGTTCAAGAGCTGTAA	
C-52		181	CCATCTGATGATGCCTCAAGACCCACCAAAGTTCAAGAGCTGTAA	225
C-80		181	CCATCTGATGATGCCTCAAGACCCACCAAAGTTCAAGAGCTGTAA	225
			TOWN ON OCCUPANDACCEACCARACT CAAGAGE GTAA	225
comparis	son of t	he s	sequences of amino acids	
mangrin o		MK'	VVGPARSKSATVPTQTVLPFKFTNPSLLTRSLSFSSKGSSFDSFSVPKRSFSCRSQAT	60
C-52		L MK	VVGPAKSKSATVPTOTVLPFKFTNPSLLTRSLSFSSKGSSENSESVDVDSESCDSOAT	60
C-80	1	. MK	VV(,DAVSKSATVDTATVI DEVEMNDELI TDEL SESSO SE	60
			a second of the	00
mangrin o	ore 61	. PSI	DDASRPTKVQEL	74
C-52			DDACDDTRVOEL	74 74
C-80	61	. PSI	BUACODTVVAEI	74 74
			•	14

FIG. 10

comparison of the functions of improvement of salt stress tolerance cell counts spotted

